

## Product datasheet

# Anti-C19orf63 antibody [EPR13223-65] - BSA and Azide free ab250157

KO VALIDATED Recombinant RabMAb

2 Images

### Overview

Product name	Anti-C19orf63 antibody [EPR13223-65] - BSA and Azide free
Description	Rabbit monoclonal [EPR13223-65] to C19orf63 - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HeLa and A549 cell lysates.
General notes	<p>ab250157 is the carrier-free version of <a href="#">ab180148</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

## Properties

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Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13223-65
Isotype	IgG

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab250157 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 27 kDa (predicted molecular weight: 27 kDa).

## Target

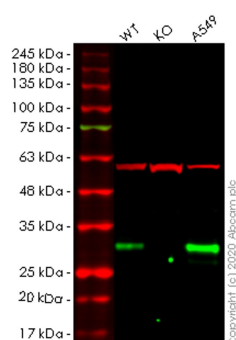
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Tissue specificity	Present in serum (at protein level). Expressed in the pituitary gland; very low levels in other brain regions.
Sequence similarities	Belongs to the EMC10 family.
Post-translational modifications	Glycosylated.
Cellular localization	Secreted and Membrane.

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## Images

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Western blot - Anti-C19orf63 antibody [EPR13223-65] - BSA and Azide free (ab250157)

**All lanes** : Anti-C19orf63 antibody [EPR13223-65] ([ab180148](#)) at 1/1000 dilution

**Lane 1** : Wild-type HeLa cell lysate

**Lane 2** : EMC10 knockout HeLa cell lysate

**Lane 3** : A549 cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes** : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) at 1/10000 dilution

**Predicted band size:** 27 kDa

**Observed band size:** 27 kDa




This data was developed using the same antibody clone in a different buffer formulation ([ab180148](#)).

**Lanes 1-3:** Merged signal (red and green). Green - [ab180148](#) observed at 27 kDa. Red - loading control [ab7291](#) observed at 50 kDa.

**[ab180148](#)** Anti-C19orf63 antibody [EPR13223-65] was shown to specifically react with C19orf63 in wild-type HeLa cells. Loss of signal was observed when knockout cell line [ab265783](#) (knockout cell lysate [ab257939](#)) was used. Wild-type and C19orf63 knockout samples were subjected to SDS-PAGE. [ab180148](#) and Anti-alpha Tubulin antibody [DM1A] - Loading Control ([ab7291](#)) were incubated overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed ([ab216776](#)) secondary antibodies at 1 in 20000 dilution for 1 hour at room

temperature before imaging.

Why choose a recombinant antibody?

 <b>Research with confidence</b> Consistent and reproducible results	 <b>Long-term and scalable supply</b> Recombinant technology
 <b>Success from the first experiment</b> Confirmed specificity	 <b>Ethical standards compliant</b> Animal-free production

Anti-C19orf63 antibody [EPR13223-65] - BSA and Azide free (ab250157)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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